

TABLE OF CONTENTS

目 录

Molecular Dynamics Simulations on Mechanical Properties of Cu-Ni Alloys with Gradient Distribution of Ni Content

(Ni 含量梯度变化的 Cu-Ni 合金力学性能分子动力学模拟)

H. X. HUANG, S. D. CHEN, Y. Z. WU.....151

Study on the Thermal Properties of Compacted Bentonite

(压实膨润土的导热特性研究)

Z. WANG, H. F. LI.....158

Tribological Properties of the V Ion Doped TiO₂ Film Obtained by Sol-Gel Method

(溶胶 - 凝胶法制备钒掺杂 TiO₂ 薄膜的摩擦学特性)

M. X. ZHANG, Y. Y. WANG, L. CAO, Y. WAN.....168

Nonlinear Dynamic Response of Piezoelectric Beam with Delamination under Hygrothermal Conditions

(湿热条件下具脱层压电梁的非线性动力响应)

J. H. YANG, W. L. FAN.....174

Study on the Solubility of Uranium in the Pyrochlore Lattice of Nd₂Zr₂O₇

(U 在烧绿石 Nd₂Zr₂O₇ 中的固化研究)

L. L. WANG, H. XIE, Q. Y. CHEN, H. Y. LV, K. X. ZHANG.....184

Preparation and Visible-Light Photocatalytic Performance of ZnFe₂O₄·Fe₂O₃/PANI Composites

(ZnFe₂O₄·Fe₂O₃/PANI 复合材料的制备及可见光催化性能)

Q. Y. ZHAO, C. HAN, F. RAN, Y. Z. MI, K. P. WU, P. J. GONG.....191